

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of  
WITSCHER et al.

BOX PCT

International Application  
PCT/EP 99/06322

Filed: August 27, 1999

For: CYCLOHEXENONEQUINOLINOYL DERIVATIVES

PRELIMINARY AMENDMENTHonorable Commissioner of  
Patents and Trademarks  
Washington, D.C. 20231

Sir:

Prior to examination, kindly amend the above-identified application as follows:

IN THE CLAIMS

3. A cyclohexenonequinolinoyl derivative of the formula I as claimed in claim 1 [or 2], where  $R^5$  is halogen,  $OR^7$ ,  $NR^{10}R^{11}$  or N-bonded heterocyclyl which may be partially or fully halogenated and/or may carry one to three of the following radicals:  
nitro, cyano,  $C_1$ - $C_4$ -alkyl,  $C_1$ - $C_4$ -haloalkyl,  $C_1$ - $C_4$ -alkoxy or  $C_1$ - $C_4$ -haloalkoxy.

4. A cyclohexenonequinolinoyl derivative of the formula I as claimed in claim 1 [claims 1 to 3], where

$R^7$  is  $C_1$ - $C_6$ -alkyl,  $C_1$ - $C_{20}$ -alkylcarbonyl,  $C_1$ - $C_6$ -alkoxycarbonyl,  $(C_1$ - $C_{20}$ -alkylthio)carbonyl, N,N-di- $(C_1$ - $C_6$ -alkyl)aminocarbonyl, phenyl, phenylcarbonyl or phenoxy- $C_1$ - $C_6$ -alkylcarbonyl, where the phenyl radical of the three last-mentioned substituents may be partially or fully halogenated and/or may carry one to three of the following radicals:

nitro, cyano,  $C_1$ - $C_4$ -alkyl,  $C_1$ - $C_4$ -haloalkyl,  $C_1$ - $C_4$ -alkoxy or  $C_1$ - $C_4$ -haloalkoxy;

$R^{10}$  is  $C_1$ - $C_6$ -alkyl or  $C_1$ - $C_6$ -alkoxy;

$R^{11}$  is  $C_1$ - $C_6$ -alkyl.

5. A cyclohexenonequinolinoyl derivative of the formula I as claimed in claim 1 [claims 1 to 4], where

$R^6$  is nitro, halogen, cyano,  $C_1$ - $C_6$ -alkyl,  $C_1$ - $C_6$ -haloalkyl, di- $(C_1$ - $C_6$ -alkoxy)methyl, di- $(C_1$ - $C_6$ -alkylthio)methyl,  $(C_1$ - $C_6$ -alkoxy) $(C_1$ - $C_6$ -alkylthio)-methyl, hydroxyl,  $C_1$ - $C_6$ -alkoxy,  $C_1$ - $C_6$ -haloalkoxy,  $C_1$ - $C_6$ -alkoxycarbonyloxy,  $C_1$ - $C_6$ -

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